

Storm Data and Unusual Weather Phenomena - November 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
ALEXANDER COUNTY --- THEBES [37.22, -89.47], 0.7 WNW THEBES JCT [37.20, -89.46], 0.8 NW THEBES JCT [37.21, -89.46], 0.4 E THEBES [37.22, -89.46]				
	11/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	11/09/09 20:00 CST		0	Source: River/Stream Gage
Flooding began on the Mississippi River on the 31st of October. At the Thebes river gage, the river crested at 37.61 feet on the 4th of November. Flood stage there is 33 feet. This resulted in moderate flooding of lowland near the river. Flooding began in the villages of Thebes and Gale. Woods and fields near the river were inundated. No structures were known to have been flooded.				
JACKSON COUNTY --- 2.8 W MURPHYSBORO [37.76, -89.38], 2.4 W MURPHYSBORO [37.77, -89.37], 1.4 WNW MT CARBON [37.76, -89.35], 1.9 W MT CARBON [37.75, -89.36]				
	11/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	11/09/09 17:00 CST		0	Source: River/Stream Gage
Minor flooding began on the Big Muddy River on October 31st. At the Murphysboro river gage, the river crested at 25.74 feet on the 5th of November. Flood stage there is 22 feet. Some minor flooding affected houses just downstream of Bridge Street in Murphysboro. Woods and fields in low lying areas were flooded. No structures were known to be flooded.				
ALEXANDER COUNTY --- 1.2 E CAIRO [37.00, -89.16], 1.9 ESE CAIRO [36.99, -89.15], 1.9 ESE CAIRO [36.99, -89.15], 1.2 ESE CAIRO [37.00, -89.16]				
	11/02/09 09:00 CST		0	Flood (due to Heavy Rain)
	11/08/09 21:00 CST		0	Source: River/Stream Gage
Minor flooding occurred on the Ohio River. At the Cairo river gage, the river crested at 42.0 feet on the 3rd. Flood stage there is 40 feet. Agricultural bottomland and low-lying areas near the river were flooded.				
Widespread heavy rainfall events on October 27th and again on the 29th and 30th resulted in minor flooding of the Big Muddy, Mississippi, and Ohio Rivers. This flooding continued into early November.				
KENTUCKY, Southwest				
MUHLENBERG COUNTY --- 0.8 S PARADISE [37.26, -86.98], 1.4 NNW PARADISE [37.29, -86.99], 1.0 NNW PARADISE [37.28, -86.98], 0.7 SSE PARADISE [37.26, -86.98]				
	11/01/09 03:00 CST		0	Flood (due to Heavy Rain)
	11/04/09 20:00 CST		0	Source: River/Stream Gage
Minor flooding of the Green River inundated some low-lying woods and fields. At the Paradise river gage, the river crested at 382.35 feet on the 2nd. Flood stage there is 380 feet.				
Widespread heavy rainfall events on October 27th and again on the 29th and 30th sent the Green River above flood stage. Minor flooding began on the first of November and lasted a few days.				
MISSOURI, Southeast				
BUTLER COUNTY --- 4.1 SE POPLAR BLUFF [36.71, -90.35], 3.8 S (P02)POPLAR BLUFF AR [36.72, -90.33], 1.8 E POPLAR BLUFF [36.75, -90.37], 1.5 SE POPLAR BLUFF [36.74, -90.38]				
	11/01/09 00:00 CST		30K	Flood (due to Heavy Rain)
	11/01/09 22:00 CST		0	Source: River/Stream Gage
Minor flooding continued on the Black River from late October. At the Poplar Bluff river gage, the crest of 18.63 feet occurred on the 1st. Flood stage there is 16 feet. Several businesses and a church on the northeast edge of Poplar Bluff were surrounded by floodwaters. The river flooded portions of the Black River Industrial Park off Business Loop 60. Floodwaters were fifteen inches deep on the industrial park road, six inches in a diesel machine shop, and two feet in a warehouse. Water was crossing the parking lot of another business but did not reach it. Clinton Park in Poplar Bluff was flooded. Some low-lying fields and woods along the river were flooded. River water broke through a private levee near County Road 611 southeast of Poplar Bluff. Some farmland was flooded by the levee break. U.S. Highway 60 began to flood heading toward Baskey.				

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CAPE GIRARDEAU COUNTY --- 1.1 ESE GULF JCT [37.26, -89.53], 1.4 ESE GULF JCT [37.27, -89.52], 0.9 SE CAPE GIRARDEAU [37.29, -89.52], 1.0 S CAPE GIRARDEAU [37.29, -89.53]				
	11/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	11/10/09 09:00 CST		0	Source: River/Stream Gage

The Mississippi River remained above flood stage from October. At the Cape Girardeau river gage, the river crested at 39.07 feet on the 4th. Flood stage there is 32 feet. Moderate flooding of low-lying areas around the river primarily affected woods, fields, and river access roads. Railroad tracks along the river were shut down. The flood gates on Broadway and on Themis Street were closed. The Mississippi River backed into several creeks, producing flooding.

RIPLEY COUNTY --- 1.6 WNW DONIPHAN [36.63, -90.85], 2.0 W DONIPHAN [36.62, -90.86], 1.1 WSW DONIPHAN [36.61, -90.84], 0.6 WSW DONIPHAN [36.62, -90.83]				
	11/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	11/01/09 17:00 CST		0	Source: River/Stream Gage

Moderate flooding continued on the Current River from late October. The river crested at the Doniphan river gage on October 31 and fell below flood stage on November 1. There was considerable flooding of parking lots and streets adjacent to the river. A park was flooded.

WAYNE COUNTY --- 1.7 NNW GREENVILLE [37.15, -90.49], 2.1 N GREENVILLE [37.16, -90.47], 2.1 NE SILVA [37.19, -90.49], 1.5 NE SILVA [37.19, -90.50]				
	11/01/09 00:00 CST		0	Flood (due to Heavy Rain)
	11/10/09 18:00 CST		0	Source: River/Stream Gage

Moderate flooding of the St. Francis River continued from October. The river crested at the Patterson gage on October 31 and slowly fell in early November. There was considerable flooding of fields and parkland adjacent to the river.

SCOTT COUNTY --- 1.1 NNE COMMERCE [37.16, -89.44], 0.8 ENE COMMERCE [37.16, -89.44], 0.6 NE COMMERCE [37.16, -89.44], 0.8 NNE COMMERCE [37.16, -89.45]				
	11/01/09 09:00 CST		0	Flood (due to Heavy Rain)
	11/10/09 09:00 CST		0	Source: Newspaper

The Mississippi River rose above flood stage from heavy rain upriver in October. At the Cape Girardeau river gage, the river crested at 39.07 feet on the 4th. Flood stage there is 32 feet. Route E was closed due to flooding in Commerce.

Widespread heavy rainfall events on October 27th and again on the 29th and 30th sent several rivers above flood stage. These rivers remained above flood stage into early November. Minor to moderate flooding continued on the Black, Current, St. Francis, and Mississippi Rivers.

CAPE GIRARDEAU COUNTY --- 1.0 E GULF JCT [37.27, -89.53], 1.3 E GULF JCT [37.27, -89.53], 0.9 SE CAPE GIRARDEAU [37.29, -89.52], 1.1 S CAPE GIRARDEAU [37.28, -89.53]				
	11/19/09 09:00 CST		0	Flood (due to Heavy Rain)
	11/24/09 19:00 CST		0	Source: River/Stream Gage

Minor flooding of the Mississippi River occurred. At the Cape Girardeau river gage, the river crested at 34.21 feet on the 22nd. Flood stage is 32 feet. Some low-lying fields and bottomland river access roads were flooded.

A storm system developed in the southern Plains around mid-month, then slowly lifted north through the Mississippi Valley toward the Great Lakes. The surface front meandered across the region from the 11th to the 18th. Heavy rainfall upriver caused the Mississippi River to exceed flood stage at Cape Girardeau.